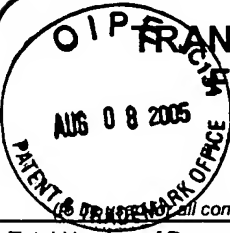

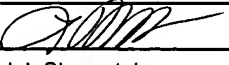


| | | | |
|---|----------------------|------------------------|--------------|
|  | Application Number | 10/532,406 | |
| | Filing Date | April 22, 2005 | |
| | First Named Inventor | Plowman | |
| | Art Unit | | |
| | Examiner Name | | |
| Total Number of Pages in This Submission | 34 | Attorney Docket Number | EX03-079C-US |

| ENCLOSURES (check all that apply) | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard |
| <div style="border: 1px solid black; padding: 5px;"> Remarks </div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm | Exelixis, Inc. | | |
| Signature |  | | |
| Printed Name | Laleh Shayesteh | | |
| Date | August 5, 2005 | Reg. No. | 47,937 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---|---|------|----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Signature |  | | |
| Typed or printed name | Laleh Shayesteh | Date | August 5, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of Plowman *et al.*

Application No.: 10/532,406

Filed: April 22, 2005

For: MAPK7 AS MODIFIER OF
BRANCHING MORPHOGENESIS
AND METHODS OF USE

Confirmation No.: 5784

Art Unit: Not Assigned

Examiner: Not Assigned

Attorney Docket No.: EX03-079C-US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with 37 C.F.R. §1.56, this Information Disclosure Statement is being submitted for the above-referenced application.

In accordance with 37 C.F.R. §1.97 (g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined by 37 C.F.R. §1.56 exists.

In accordance with 37 C.F.R. §1.97 (h), the disclosure contained herein is not intended to constitute an admission that any patent, publication, or other information referred to is "prior art" or "analogous art" for this invention.

The Commissioner is hereby authorized to charge any required fees, if necessary, to Deposit No. 50-1108.

Respectfully submitted,

Dated: August 5, 2005

Laleh Shayesteh Reg. No. 47,937
Tel: (650) 837-8180; Fax: (650) 837-8234

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|---------------|
| Application Number | 10/532,406 |
| Filing Date | 22 April 2005 |
| First Named Inventor | Plowman |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | EX03-079C-US |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | 1 | Carvajal-Vergara,X., et al. Homo sapiens mitogen-activated protein kinase 7 (MAPK7), transcript variant 3, mRNA. GI:20986496 19-JUL-2005 | |
| | 2 | Purandare,S.M., et al. Homo sapiens mitogen-activated protein kinase 7 (MAPK7), mRNA. GI:4506092 31-OCT-2000 | |
| | 3 | Strausberg,R. Homo sapiens, Similar to mitogen-activated protein kinase 7, clone MGC:2148 IMAGE:3009873, mRNA, complete cds. GI:13938512 12-JUL-2001 | |
| | 4 | Strausberg,R. Homo sapiens, clone MGC:3875 IMAGE:3009873, mRNA, complete cds. GI:14124937 12-JUL-2001 | |
| | 5 | Strausberg,R. Homo sapiens, mitogen-activated protein kinase 7, clone MGC:15371 IMAGE:4300124, mRNA, complete cds. GI:14602940 12-JUL-2001 | |
| | 6 | NCBI Annotation Project. Homo sapiens mitogen-activated protein kinase 7 (MAPK7), mRNA. GI:20560651 13-MAY-2002 | |
| | 7 | Carvajal-Vergara,X., et al. Homo sapiens mitogen-activated protein kinase 7 (MAPK7), transcript variant 1, mRNA. GI:20986500 19-JUL-2005 | |
| | 8 | Carvajal-Vergara,X., et al. Homo sapiens mitogen-activated protein kinase 7 (MAPK7), transcript variant 4, mRNA. GI:20986502 19-JUL-2005 | |
| | 9 | Purandare,S.M., et al. mitogen-activated protein kinase 7; protein kinase mitogen-activated 7 (MAP kinase) [Homo sapiens]. GI:4506093 31-OCT-2000 | |
| | | | |
| | | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.